

State Agency Waste Management Annual Report for

**California Department of Transportation, District 12 (365)  
2002 - Annual Report**

## Annual Report Summary -

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### Part I

State Agency Name: California Department of Transportation, District 12  
Address: 3337 Michelson Drive CN 380 Irvine, CA 92612  
Director: Cay Coon  
Title: Branch Chief  
Recycling Coordinator: Ruben Fernandez  
Address: 3337 Michelson Dr. CN380 Irvine, CA 92621  
Work Phone: (949) 553-3565 Ext: 0  
Fax Number: (949) 724-2201  
Email Address: Ruben\_fernandez@dot.ca.gov  
Total Employees: 992  
Total Vistors, inmates, etc : 0

### Part II

<b>Verified</b>	Skypark const. field office 3190-J Airport Loop Road Costa Mesa, CA 92626 Number of Employees: 23	Darrell Hartman 3190-J Airport Loop Dr. Costa Mesa, CA 92626 Phone: (714) 556-3933 Ext: 0 Fax: (714) 556-9425 Email:
<b>Verified</b>	Department of Transportation, District 12 3347 Michelson Drive, Suite 100 Irvine, CA 92612-1692 Number of Employees: 557	Ruben Fernandez 3337 Michelson Dr. CN380 Irvine, CA 92612 Phone: (949) 553-3565 Ext: 0 Fax: (949) 724-2201 Email: Ruben_fernandez@dot.ca.gov
<b>Verified</b>	Batavia Maintenance Station 1808 North Batavia Street Orange, CA 92865 Number of Employees: 55	Eugene Farnsworth 1808 N. Batavia St. Orange, CA 92865 Phone: (714) 974-3091 Ext: 0 Fax: (714) 974-6104 Email:
<b>Verified</b>	Bolsa Chica Maintenance Station 13072 Bolsa Chica Road Westminster, CA 92683 Number of Employees: 9	Jerry Smithley 13072 Bolsa Chica Rd. Westminster, CA 92683 Phone: (714) 898-4697 Ext: 0 Fax: (714) 897-3697 Email:
<b>Verified</b>	Brea Maintenance Station 13571 Central Avenue Brea, CA 92621 Number of Employees: 20	Ed Burton 13571 Central Ave. Brea, CA 92621 Phone: (714) 529-3951 Ext: 0 Fax: (714) 529-3555 Email:
<b>Verified</b>	Huntington Beach Mat. & Testing 19601 Beach Blvd Huntington Beach, CA 92648 Number of Employees: 10	TH Wang 19601 Beach Blvd. Huntington Beach, CA 92648 Phone: (714) 960-3272 Ext: 0 Fax: (714) 960-5834 Email:

<b>Verified</b>	Orange Maintenance Station 691 South Tustin Street Orange, CA 92666 Number of Employees: 30	Norma Rutledge 691 S. Tustin Ave. Orange, CA 92666 Phone: (714) 288-4055 Ext: 0 Fax: (714) 288-4055 Email:
<b>Verified</b>	San Juan Maintenance Station 32941 Camino Capistrano San Juan Capistrano, CA 92675 Number of Employees: 35	Curtis Hess 32941 Camino Capistrano San Juan Capistrano, CA 92675 Phone: (949) 661-1273 Ext: 0 Fax: (949) 661-6507 Email:
<b>Verified</b>	Stanton Maintenance Station 8122 Katella Ave. Stanton, CA 91356 Number of Employees: 28	Ray Koon 8122 Katella Ave Stanton, CA 90680 Phone: (714) 527-3371 Ext: 0 Fax: (949) 898-7187 Email:
<b>Verified</b>	Costa Mesa Maint. Station. 1090 S. Bristol St. Costa Mesa, CA 92626 Number of Employees: 60	Chuck Parker 1090 S. Bristol St. Costa Mesa, CA 92626 Phone: (714) 708-5706 Ext: 0 Fax: Email:
<b>Verified</b>	Marine Way Maint. 6641 Marine Way Irvine, CA 92618 Number of Employees: 50	Alan Kato 6641 Marine Way Irvine, CA 92618 Phone: (949) 936-1802 Ext: 0 Fax: (949) 936-1809 Email:
<b>Verified</b>	Toll Rd Maint. Station 6685 Marine Way Irvine, CA 92618 Number of Employees: 14	William Teale 6685 Marine Way Irvine, CA 92618 Phone: (949) 936-0148 Ext: 0 Fax: (949) 936-0153 Email:
<b>Verified</b>	Baker St. Const. field office 660 Baker #377 Costa Mesa, CA 92626 Number of Employees: 3	Saeid Asgari 660 Baker St #377 Costa Mesa, CA 92626 Phone: (714) 438-8033 Ext: 0 Fax: (714) 438-8044 Email:
<b>Verified</b>	Harbor const. field office 16560 Harbor suite P&K Fountain Valley, CA 92708 Number of Employees: 20	Larry Kellerman 16560 Harbor Blvd. Suite P&K Fountain Valley, CA 92708 Phone: (714) 418-5000 Ext: 0 Fax: (714) 418-5055 Email:
<b>Verified</b>	Cedarwoods const. field office 2491 E. Orangethorpe Ave. Fullerton, CA 92806 Number of Employees: 16	Monas Chaudry 2491 E. Orangethorpe Ave. Fullerton, CA 92831 Phone: (714) 680-7830 Ext: 0 Fax: (714) 680-7836 Email:
<b>Verified</b>	Lakeview const. field office 1040 N. Tustin Ave. Anaheim, CA 92807 Number of Employees: 20	Arshed Rashedi 1040 N. Tustin Ave. Anaheim, CA 92807 Phone: (714) 688-1992 Ext: 0 Fax: (714) 688-1957 Email:
<b>Verified</b>	Redhill const. field office 151 Kalmus Dr. suite A102 Costa Mesa, CA 92626 Number of Employees: 4	Larry Kellerman 16560 Harbor Blvd. Suite P&K Fountain Valley, CA 92708 Phone: (714) 418-5000 Ext: 0 Fax: (714) 418-5055 Email:
<b>Verified</b>	Goldenwest const. field office 7291 Garden Grove Blvd. suite KLM Garden grove, CA 92841 Number of Employees: 20	Ken Bocchicchio 7291 Garden Grove Blvd. Suite KLM Garden Grove, CA 92841 Phone: (714) 891-2983 Ext: 0 Fax: (714) 891-0784 Email:
<b>Verified</b>	Laguna Field Office 15510 Rockfield Blvd. Suite A Irvine, CA 92618 Number of Employees: 11	Octovio Rivas 15510 Rockfield Blvd. Suite A Irvine, CA 92618 Phone: (949) 598-3264 Ext: 0 Fax: (949) 598-3500 Email:

		Email:
<b>Verified</b>	Forbes Maintenance Station 28284 Forbes Rd. Laguna Niguel, CA 92677 Number of Employees: 7	Joe Fleming 28284 Forbes Rd Laguna Niguel, CA 92677 Phone: (949) 364-5003 Ext: 0 Fax: (949) 364-6267 Email:
<b>Total Employees: 992</b>		

## Part III Section 1

Summary of program information entered to date.

### Diversion Calculations

Program	Existing	Planned/ Expanding	Tons
Beverage Containers	X		0.040
Cardboard	X		0.580
Office Paper (white)	X		0.960
Office Paper (mixed)	X		8.270
Self-haul greenwaste	X		236.300
Commercial Pickup of Waste	X		2,262.200
Concrete/asphalt/rubble (C&D)	X		9,712.610
Tires	X		22.840

**Total Tonnage Diverted 12,243.800**

Total Tonnage Disposed 198.400

**Total Tonnage Generated 12,442.200**

**Overall Diversion Percentage 98.4%**  
(Tonnage Diverted / Tonnage Generated)

### Hazardous Materials (Programs not included in calculations)

Program	Existing	Planned/ Expanding	Tons
Batteries	X		(0.064)

## Part III Section 2

This section of the annual report presents the methods in which your agency informed both employees and customers served that a recycling program was being implemented. Below are identified the programs you reported were continued or implemented during 2002.

1. Brochures, Newsletters, Publications

2. Office Paper Recycling Guide

3. Other Promotional Programs

## Part III Section 3

### Procurement Activities Implemented in 2002

This section of the annual report presents your compliance with the State Agency Buy Recycled Campaign (SABRC). The activities identified below were reported as implemented or continued during 2002. (Note: Completing this section does not meet the [SABRC reporting requirements](#) (PCC Section 12162(b)).

1. Requiring Recycled- Content Product Certification for All Purchases
2. Annual Submittal of SABRC Report

## Part IV

1. **Is the mission statement of the State agency/large State facility the same as reported in the previous year?**

Yes

**If No, what is the new mission statement?**

2. **How has the waste stream (i.e. those materials disposed in landfills) changed since the Integrated Waste Management Plan was submitted? (Changes include kinds and quantities of materials disposed in landfills.)**

The waste stream has probably remained pretty much the same since the Integrated Waste Management Plan was submitted. There have been some new programs that have recently

been implemented that should help to decrease the waste stream in the future. One in particular is with the Adopt-A-Highway program. In June 2002, some of the Adopt-A-Highway groups in Districts 4 & 8, and all of the Adopt-A-Highway groups in District 1 were given specially made bags for the volunteers to use in order to separate out recyclables from the rest of the waste that is picked up along the highways. This is currently being done as a pilot project and upon its success, these bags will be distributed to all of the Adopt-A-Highway groups. The Department is also looking into other possibilities to increase our diversion efforts. These include establishing recycling containers at all of the 88 Road Side Rest Stops throughout the state. Another possibility being examined is the possibility of recycling damaged traffic safety cones, thus diverting some 35,000 cones from entering the landfills annually. With the implementation of these projects along with gathering valuable information from our annual AB 75 reports, the Department anticipates that the waste stream in future years shall decrease.

3. **Summarize what waste diversion programs were continued or newly implemented in 2002.**

At the District Offices, Headquarters, and the larger field offices, typical office supplies, furniture, and equipment are recycled. For example, white paper, mixed paper, beverage containers, cardboard, beverage containers, toner cartridges, are diverted. At some of the smaller field offices, the employees are encouraged to recycle the above-mentioned materials, but because of their location or relatively small amount of waste generated, is not always tracked and therefore not included in the report. When appropriate, office furniture and computer equipment is donated to charitable organizations. Other types of materials that are generated by the Department are a result of the fleet of vehicles owned by Caltrans. Some of these materials include motor oil, engine lubricants, anti-freeze, tires, and solvents. Even though these waste materials do not count towards AB 75, they still do get recycled. Over the years, the Department has undergone a significant move to lower emissions from our vehicles. Caltrans has termed this "Greening the Fleet". More information on this can be found at <http://www.dot.ca.gov/hq/eqsc/CleanAir/greenfleet.htm>.

Another source of waste that Caltrans generates is construction and demolition (C & D) debris generated from our construction projects and from our maintenance crews. Types and amounts vary widely and can include concrete, asphalt, steel, guard railing, and vegetation. Even though this material is being diverted from the landfills, how this will be tracked and documented is still being evaluated within the Department. For the 2001 AB 75 Report, one construction project per district was selected to determine the amount of C & D debris that was diverted from the landfills. The intent is to have information from all construction projects and maintenance operations report on their recycling activities in the future.

4. **How were the tonnages determined for the materials disposed and diverted? (e.g. waste assessments, per capita generation and extrapolation, actual disposal weights, or actual recycling weights)**

Amounts of materials disposed and diverted were determined by a variety of methods. For materials generated within the District Offices and Headquarters, which were recycled, the documentation was achieved by reviewing the actual receipts from the independent vendors who supply this service. In cases where obtaining actual receipts was not feasible, estimates were used by extrapolating the size and weight of containers and multiplying by the frequency of service. For materials, which were disposed of, the primary source for documentation was to extrapolate by determining the approximate average weight of the material in the disposal containers multiplied by the frequency of service. For determining the weights of the C & D debris and for some of the office supplies that were donated, the use of conversion charts was used. The C & D was provided from Maintenance Division which included Concrete/ asphalt/rubble.

5. **What types of activities are included in each of the reported programs? (The following link of category definitions may assist you in answering this question.)**

The Department does encourage the use of email, double-sided photocopying, and the reuse of envelopes. While these activities are included in the programs, they do not figure into the diversion calculations.

6. **Has the State agency/large State facility adopted or changed its waste reduction policy?**

No

**If Yes, what is the new waste reduction policy?**

7. **What resources (staff and/or funds) did the State agency/large State facility commit toward implementing its Integrated Waste Management Plan in 2002 to help meet the waste diversion goals?**

The Department has identified one recycling coordinator in each District and at Headquarters along with a Resource Conservation Senior in the Headquarters Resource Conservation Branch. No additional PY's were allocated for these positions. The recycling coordinators have the responsibility to report on AB 75 in addition to their prior duties.